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MMS 84-0005
FWS/OBS 82/16

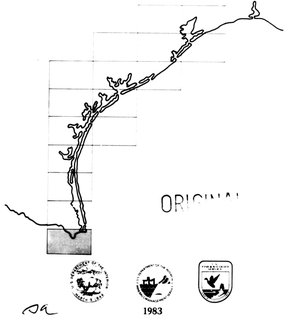
Brownsville

TEXAS BARRIER ISLANDS REGION ECOLOGICAL CHARACTERIZATION ATLAS

BIOLOGICAL RESOURCES

BROWNSVILLE, TEXAS

BIOLOGICAL RESOURCES



ORIGINAL

1983

Produced by U.S. Fish and Wildlife Service
and Minerals Management Service

Projection and 2000 meter grid zone 14, Universal
Transverse Mercator
2500 foot grid ticks based on Texas coordinate
system, south zone

Overlay material compiled in 1981 from latest
available data obtained from Federal, State, and

1983

Produced by U.S. Fish and Wildlife Service
and Minerals Management Service

Projection and 10,000 meter grid zone 14, Universal
Transverse Mercator
25,000 foot grid ticks based on Texas coordinate
system, south zone

Overlay material compiled in 1982 from latest
available data obtained from Federal, State and
Local government agencies and other sources

LEGEND

Symbol	Species Habitats and Areas Represented
A	Arctic Peregrine Falcon
B	Upland Game and Furbearer Concentration
C	Attwater's Prairie Chicken
D	White-winged Dove
E	Bald Eagle
F	Finfish Nursery
G	Seagrass Beds
H	Houston Toad
J	Oak Motte Woodlands
K	Wood Duck
L	Alligator

G	Seagrass Beds
H	Houston Toad
J	Oak Motte Woodlands
K	Wood Duck
L	Alligator
N	Rio Grande Subtropical Woodlands
O	Oyster Beds
P_3	Areas of Ecological Concern
Q	Whooping Crane Wintering Habitat
R	Colonial Waterbird Rookery
S	Shrimp Nursery
T	Rio Grande Turkey
U_2	Unique Wildlife Ecosystem
W	Waterfowl and Other Wetland Birds
X	Whooping Crane Wintering Habitat
Y	Virgin Brush Habitat

Species habitats are represented by dashed lines with the appropriate symbol reading to the inside of the area. Rookeries are also identified by an alphanumeric code as taken from the Texas Colonial Waterbird Census, 1973-1976 (FA Report Series No. 15, Texas Parks and Wildlife Department, 1978).

I-dM-1

Species habitats are represented by dashed lines with the appropriate symbol reading to the inside of the area. Rookeries are also identified by an alphanumeric code as taken from the Texas Colonial Waterbird Census, 1973-1976 (FA Report Series No. 15, Texas Parks and Wildlife Department, 1978).

25 30 — 98 00 — 97 45 — 97 30 — 97 15 — 25 30 — 97 00

KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MILES 0 1 2 3 4 5 6 7 8 9 10 11 12

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

0 1000 5000 10 000 15 000 20 000 METERS

0 5000 10 000 15 000 20 000 25 000 30 000 35 000 40 000 45 000 50 000 55 000 60 000 65 000 FEET

THE TEXAS BARRIER ISLANDS REGION ECOLOGICAL ATLAS: BIOLOGICAL RESOURCES MAPS AND ACCOMPANYING NARRATIVE (FWS OBS 82 / 16) ARE ONE SET IN A SERIES OF THREE PUBLISHED BY THE U.S. FISH AND WILDLIFE SERVICE'S NATIONAL COASTAL ECOSYSTEMS TEAM OF BIOLOGICAL SERVICES. NATIONAL COASTAL ECOSYSTEMS TEAM AND BY THE MINERALS MANAGEMENT SERVICE. OTHER MAP SETS AND NARRATIVES AVAILABLE INCLUDE SELECTED SOCIOECONOMIC AND NATURAL FEATURES (FWS OBS 82 / 15) AND MINERAL RESOURCES AND SELECTED OIL AND GAS INFRASTRUCTURE (FWS OBS 82 / 17).

THE ATLAS IS A PLANNING TOOL AND IS INTENDED TO BE USED BY COASTAL PLANNERS, DECISIONMAKERS, AND THE GENERAL PUBLIC TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY.

ALL MAPS HAVE BEEN COMPILED FROM A VARIETY OF SOURCES INCLUDING MAPS, AERIAL PHOTOGRAPHS, AND TEXTS. COMPILED MAPS SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENT OF DISTANCES OR AREAS.

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BROWNSVILLE, TEXAS

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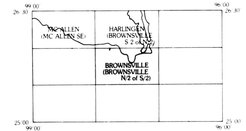

Legend topics are described in more detail in the accompanying narrative.

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